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SUBJECT: EVALUATION OF MISSION S028E

1. CAMERAS I-3 AND I-4 WERE USED ON MISSION S028E, FLOWN 3 APRIL 1968. THE ORIGINAL NEGATIVE WAS PROCESSED AT THE MAIN PROCESSING SITE.

2. ORIGINAL NEGATIVE:

A. THE MATERIAL APPEARS TO BE ADEQUATELY EXPOSED. THE RESOLUTION IS FAIR EXCEPT FOR THE OUT-OF-FOCUS AREAS DESCRIBED IN PARAGRAPH 2B.

B. CAMERA NUMBER I-4: THREE MINUS DENSITY LINES, WHICH FOLLOW THE PATH OF THE FIELD FLATTENER, ARE LOCATED 1.5, 1.7, AND 1.9 INCHES FROM THE FREQUENCY MARK EDGE OF EVERY FRAME. ANOTHER MINUS DENSITY LINE LOCATED 0.5 INCH FROM THE FREQUENCY MARK EDGE BEGINS ON FRAME 777 AND CONTINUES TO THE END OF THE MISSION. THERE IS AN OUT-OF-FOCUS AREA LOCATED ALONG THE BINARY EDGE APPROXIMATELY 0.7 INCH FROM THE TAKE UP END OF THE FIRST 600 FRAMES. THIS AREA IS ABOUT 1.7 INCHES LONG AND EXTENDS APPROXIMATELY 0.5 INCH INTO THE FORMAT. ANOTHER OUT-OF-FOCUS AREA IS PRESENT ALONG THE FREQUENCY MARK EDGE OF THE LAST 800 FRAMES. THIS AREA IS 1.2 INCHES FROM THE SUPPLY END OF THE FRAME. IT IS APPROXIMATELY 2 INCHES LONG AND EXTENDS 0.6 INCH INTO THE FORMAT. HEAT SPLICES ARE PRESENT BETWEEN FRAMES 38/39, 604/605, 1228/1229, AND A MANUFACTURING SPLICE IS PRESENT IN FRAME 1238. TITLED FRAME 1 CORRESPONDS TO FRAME INDICATOR NUMBER 33. THE LAST TITLED FRAME IS 1410.

C. CAMERA NUMBER I-3: NUMEROUS MINUS DENSITY LINES, WHICH FOLLOW THE PATH OF THE FIELD FLATTENER, ARE PRESENT THROUGHOUT THE MISSION. THE MOST PRONOUNCED LINES ARE LOCATED 0.4, 1.1, AND 2.1 INCHES FROM THE FREQUENCY MARK EDGE. HEAT SPLICES ARE PRESENT BETWEEN FRAMES 99/100 AND 714/715. THE FIRST COMPLETE FRAME IS TITLED FRAME 1 AND CORRESPONDS TO FRAME INDICATOR NUMBER 32. THERE IS A PARTIAL FRAME PREVIOUS TO TITLED FRAME 1; IT IS TITLED FRAME 0. THE LAST TITLED FRAME IS 1411.

D. BOTH CAMERAS: RAIL SCRATCHES AND INTERMITTENT EDGE FOG ARE PRESENT ALONG BOTH FILM EDGES THROUGHOUT THE MISSION. HEAVY BANDING IS PRESENT AT THE BEGINNING OF SCAN OF EVERY FRAME. MINOR BANDING CAN BE DETECTED THROUGHOUT THE LOW CONTRAST AREAS OF EACH FRAME. THE FIRST AND LAST FRAMES OF THE MISSION ARE DEGRADED BY FOG PATTERNS OF VARYING DENSITY. THERE WAS A CAMERA "OFF" AT FWD FRAME 72 AND AFT FRAME 73.

3. POSITIVES:

A. THE PHOTO INTERPRETABILITY IS FAIR TO POOR DUE PRIMARILY TO THE HAZE CONDITIONS, WHICH DEGRADED THE IMAGERY.

B. THE PRINTING AND PROCESSING WERE GOOD.

C. CLOUDS OBSCURE APPROXIMATELY 15 PERCENT OF THE ENTIRE MISSION.

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-- END OF MESSAGE --

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification